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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/796,079	03/10/2004	Chang Sing Chu	CHU 243	2651
7590	01/26/2005		EXAMINER	
RABIN & BERDO, P.C. Suite 500 1101 14 Street, N.W. Washington, DC 20005			HARVEY, JAMES R	
			ART UNIT	PAPER NUMBER
			2833	

DATE MAILED: 01/26/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

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Office Action Summary	Application No.	Applicant(s)
	10/796,079	CHU ET AL.
Examiner	Art Unit	
James R. Harvey	2833	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM
 THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) Responsive to communication(s) filed on 10 March 2004.
- 2a) This action is FINAL. 2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) Claim(s) 1 and 2 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) Claim(s) _____ is/are allowed.
- 6) Claim(s) 1 and 2 is/are rejected.
- 7) Claim(s) _____ is/are objected to.
- 8) Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on 10 March 2004 is/are: a) accepted or b) objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) All b) Some * c) None of:
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. _____.
 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____. |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____. | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| | 6) <input type="checkbox"/> Other: _____. |

DETAILED ACTION

Claim Objections

- Claim(s) 1 and 2 are objected to because of the following informalities:
 - In reference to Claim(s) 1, line 4; the recitation “solid” is vague and indefinite. The recitation is considered vague and indefinite because it is a broad term that defines at least two different meanings. The relevant meanings are seen to be either “not hollowed out” or “being the same substance” (see attached definition from The American Heritage Dictionary). For purposes of examination, it is assumed that the language is intended to mean “being the same substance”. An examination based on the merits and the above definition is addressed below.
 - In reference to Claim(s) 1, line 4, the recitation “the back” lacks proper antecedent basis. For purposes of examination, it is assumed that the language is intended to mean “a back”.
 - In reference to Claim(s) 2, line 2; the recitation “said fastener” lacks proper antecedent basis. For purposes of examination, it is assumed that the language is intended to mean “a fastener”.
 - In reference to Claim(s) 2, line 2; the recitation “bent 90 degrees” does not give a reference point from which it is orientated. For purposes of examination, it is assumed that the language is intended to mean “bent 90 degrees from a horizontal portion”.
 - In reference to Claim(s) 1 and 2, the above objections are seen to be associated with translation errors. The claims, specification, and abstract are replete with instances of poor grammar and terminology that are apparently due to translation errors. The entire application should be reviewed and corrected to comply with standard USPTO practice.
 - Appropriate response to the above is required.

Claim Rejections - 35 USC § 102

- The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

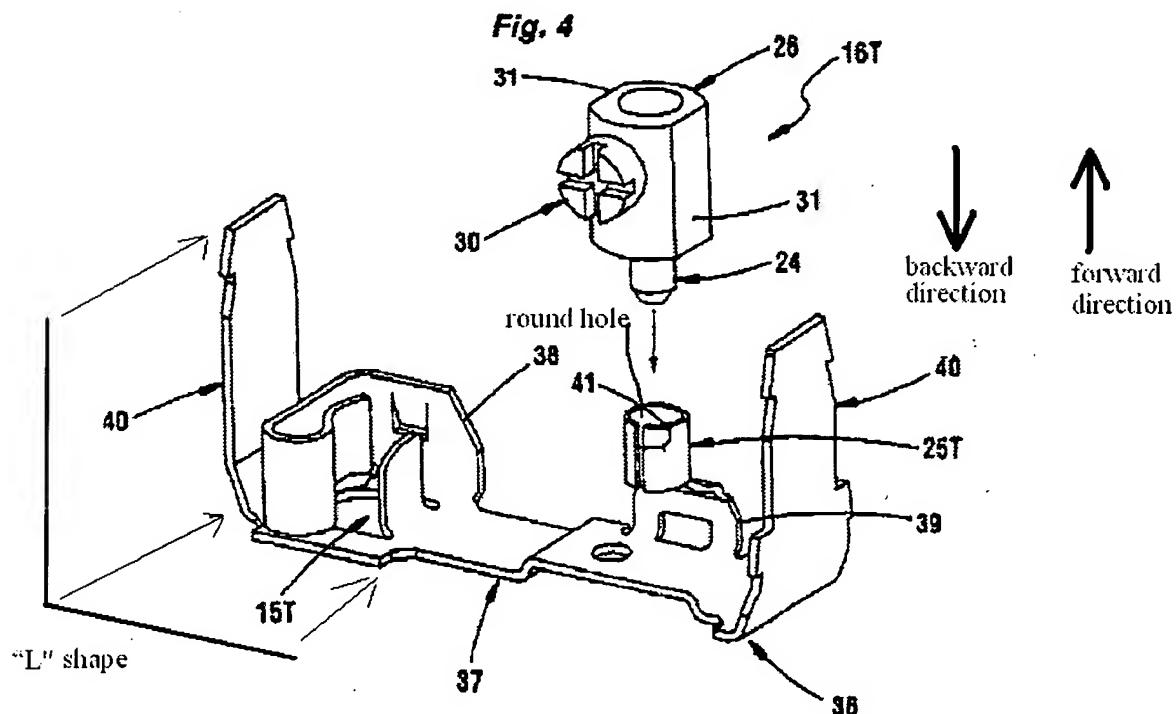
** Claim(s) 1 and 2 are rejected under 35 U.S.C. 102(e) as being anticipated by Croise et al. (6517388).

-- In reference to Claim(s) 1, Croise shows (figures 1 and 4)
a plastic housing 12 (figure 1);
a central contact 16T having a central pillar 26 (figure 4) and a solder part 37 (figure 4);
the central pillar 26 is a solid body (column 4, line 9) with a compression part 24 on the back (see examiner's figure for backward direction indicator arrow) and a round head (column 4, line 6); the solder part 37 is in "L" shape (see examiner's figure) with a round hole (see examiner's figure) and the round hole grasps the compression part 24 of the central pillar firmly .

In reference to the recitation "solder part", Croise teaches that when the connection is a non-demountable connection (column 5, line 14 and column 1, line 36 and line 40) the

permanent attachment can be brazing which defines soldering (see attached definition from The American Heritage Dictionary).

-- In reference to Claim(s) 2, Croise shows the housing 12 has at least a fastener slot (where 40 right (figure 4) goes into pillar 22 (figure 1)), and the fastener (40; right (figure 4)) is bent forward in 90 degrees (see examiner's figure for forward direction indicator arrow) from a horizontal portion for fitting into the fastener slot.



Conclusion

Effective May 1, 2003, the United States Patent and Trademark Office has a new Commissioner for Patents address. Correspondence in patent related matters must now be addressed to:

**Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450**

For additional information regarding the new address, see Correspondence with the United States Patent and Trademark Office, 68 Fed. Reg. 14332 (March 25, 2003).

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- The prior art listed on PTO form 892 that is made of record and not relied upon is considered pertinent to applicant's disclosure because it shows the state of the art with respect to applicant's claimed invention. Chace et al., Hohlfelder, and Vanbesien all show various forms of interference fit contacts and parts that can be soldered.
- Any inquiry concerning this communication or earlier communications from the examiner should be directed to James R. Harvey whose telephone number is 571-272-2007. The examiner can normally be reached on 8:00 A.M. To 5:00 P.M.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Paula A. Bradley can be reached on 571-272-2800 extension 33.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 571-272-2800.

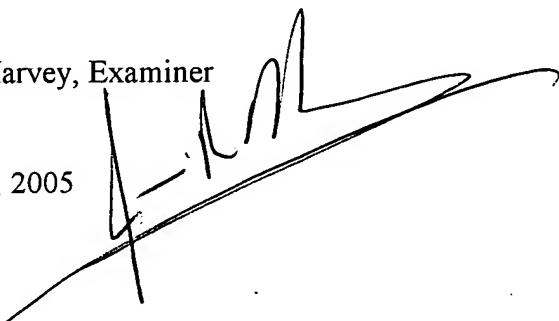
Art Unit: 2833

- Effective October 1, 2003, all patent application related correspondence transmitted by facsimile must be directed to the central facsimile number, (703) 872-9306, with a few exceptions. See *Fax Automation in Technology Center 1700*, 1237 Off. Gaz. Pat. Office 140 (August 29, 2000). Replies to Office actions including after-final amendments that are transmitted by facsimile must be directed to the central facsimile number. Unofficial correspondence such as draft proposed amendments for interviews may continue to be transmitted by facsimile to the Technology Centers.
- Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

James R. Harvey, Examiner

jrh

January 24, 2005

A handwritten signature in black ink, appearing to read "James R. Harvey". It is written over a stylized, wavy line that starts low on the left and rises towards the right. The signature is fluid and has some loops and peaks.